

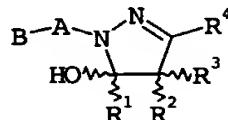
Use of substituted 5-hydroxypyrazoles, novel 5-hydroxypyrazoles, processes for their preparation, and compositions comprising them

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**Abstract**

The present invention relates to the use of 5-hydroxypyrazolines of the formula I

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I

15 where:

B is aryl or hetaryl;

A is C=O, C=S or SO<sub>2</sub>;

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R<sup>1</sup> is alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl or haloalkynyl,

25 cycloalkyl, C<sub>3</sub>-C<sub>10</sub>-cycloalkenyl, cycloalkynyl, or

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aryl, heterocyclyl or hetaryl;

R<sup>2</sup> is hydrogen;

30 R<sup>3</sup> is hydrogen, nitro, cyano, N(R')<sub>2</sub>, alkyl, haloalkyl, alkoxy, haloalkoxy, alkenyl, haloalkenyl, alkynyl or haloalkynyl, where

35 R' independently of one another are hydrogen or alkyl;

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or R<sup>2</sup> and R<sup>3</sup> together are a group

=O, =S or =N-O-R<sup>5</sup>, where

40 R<sup>5</sup> is hydrogen, alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl or haloalkynyl;

R<sup>4</sup> is hydrogen, halogen, nitro, cyano, N(R')<sub>2</sub>, alkyl, haloalkyl, COOR', hetaryl or heterocyclyl;

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for controlling harmful fungi, to compositions comprising them, and also to novel 5-hydroxypyrazoles and to processes for their preparation.

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